

REMARKS

In the Office Action the Examiner rejected all claims 1-20 under 35 U.S.C. 102 for being anticipated. Claims 1-4, 6-12, and 14-20 remain in the application.

The Examiner applied Gregory as being anticipating of the claims. Gregory primarily addresses electrical imaging technology for obtaining electrical information from an actual object. In describing the background of this, Gregory points out that a look up table or a neural network algorithm may allow one to correlate electrical properties of the interior of the sample with externally measured parameters using a large data set of model calculations. Applicant have also reviewed the other references cited by the Examiner that the Examiner did not specifically assert. Applicant has found nothing in Gregory or the other references that a neural network has been used to model the power behavior of an electrical circuit. All of the independent claims have been amended to include this requirement. Thus applicant submits that at least for this reason the claims are patentably distinct from the cited references. Applicant is not convinced that this is the only basis for patentably distinguishing the claims from the cited references, but this requirement should be sufficient to allow the claims over the cited references and will expedite allowance of the application.

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. No amendment made was for the purpose of narrowing the scope of any claim, unless Applicant has argued herein that such amendment was made to distinguish over a particular reference or combination of references.

Applicants believe the application is in condition for allowance which action is respectfully solicited. Please contact the below-signed if there are any issues regarding this communication or otherwise concerning the current application.

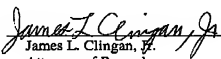
Respectfully submitted,

SEND CORRESPONDENCE TO:

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